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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/662,415
	Filing Date	September 16, 2003
	First Named Inventor	Shinji Yamakawa
	Art Unit	2626
	Examiner Name	Scott A. Rogers
Total Number of Pages in This Submission	Attorney Docket Number	R2184.0157/P157-A

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment/Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Reply to Missing Parts/Incomplete Application  <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____  <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input type="checkbox"/> Other Enclosure(s) (please identify below):
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP		
Signature	<i>Michael A. Weinstein</i>		
Printed name	Mark J. Thronson <i>M. WEINSTEIN</i> 53754		
Date	March 8, 2005	Reg. No.	33,082

The PTO did not receive the following listed item(s) Fee Transmittal Form



# AMENDMENT TRANSMITTAL LETTER

Docket No.  
R2184.0157/P157-A

Application No.  
10/662,415

Filing Date  
September 16, 2003

Examiner  
Scott A. Rogers

Art Unit  
2626

Applicant(s): Shinji Yamakawa

IMAGE PROCESSING APPARATUS INCLUDING LOW-LINEAR-DENSITY DOT REGION  
Invention: DETECTION UNIT, AND IMAGE FORMING APPARATUS INCLUDING THE SAME

## TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	8	- 20 =		x	0.00
Independent Claims	2	- 3 =		x	0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:					0.00

☒ Large Entity

☐ Small Entity

☒ No additional fee is required for this amendment.

☐ Please charge Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_.  
A duplicate copy of this sheet is enclosed.

☐ A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Director is hereby authorized to charge and credit Deposit Account No. 04-1073  
as described below. A duplicate copy of this sheet is enclosed.

☒ Credit any overpayment.

☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

Dated: March 8, 2005

Mark J. Thronson  
Attorney Reg. No.: 33,082

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DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP  
2101 L Street NW  
Washington, DC 20037-1526  
(202) 775-4742



Docket No.: R2184.0157/P157-A  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Shinji Yamakawa

Application No.: 10/662,415

Art Unit: 2626

Filed: September 16, 2003

Examiner: Scott A. Rogers

For: IMAGE PROCESSING APPARATUS  
INCLUDING LOW-LINEAR-DENSITY DOT  
REGION DETECTION UNIT,  
AND IMAGE FORMING APPARATUS  
INCLUDING THE SAME

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**SECOND PRELIMINARY AMENDMENT**

MS Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

Prior to examination on the merits, please amend the above-identified U.S.  
patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on  
page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.